

MISSION NDA 1 2023



G.K

**GEOGRAPHY
PREVIOUS YEAR
QUESTION**

CLASS-3



By Jivesh Sir



In India, a cultivable land which is left uncultivated for more than a year but less than five years is labelled as भारत में, एक कृषि योग्य भूमि जिसे एक वर्ष से अधिक लेकिन पांच वर्ष से कम समय के लिए बिना खेती के छोड़ दिया जाता है, के रूप में लेबल किया जाता है

- a) Cultivable wasteland/खेती योग्य बंजर भूमि
- b) Current fallow/वर्तमान परती
- c) Fallow other than current fallow/वर्तमान परती के अलावा अन्य परती
- d) Barren and wasteland/बंजर और बंजर भूमि

LAND RESOURCES AND AGRICULTURE



Land Use Categories

Land-use records are maintained by land revenue department. The land use categories add up to *reporting area*, which is somewhat different from the *geographical area*. The Survey of India is responsible for measuring *geographical area* of administrative units in India. Have you ever used a map prepared by Survey of India? The difference between the two concepts are that while the former changes somewhat depending on the estimates of the land revenue records, the latter does not change and stays fixed as per Survey of India measurements. You may be familiar with land use categories as they are also included in your Social Science textbook of Class X.

The land-use categories as maintained in the Land Revenue Records are as follows :

- (i) **Forests** : It is important to note that area under actual forest cover is different from area classified as forest. The latter is the area which the Government has identified and demarcated for forest growth. The land revenue records are consistent with the latter definition. *Thus, there may be an increase in this category without any increase in the actual forest cover.*
- (ii) **Land put to Non-agricultural Uses** : Land under settlements (rural and urban), infrastructure (roads, canals, etc.), industries, shops, etc. are included in this category. An expansion in the secondary and tertiary activities

(vi) Culturable Waste-Land : Any land which is left fallow (uncultivated) for more than five years is included in this category. It can be brought under cultivation after improving it through reclamation practices.

(viii) Fallow other than Current Fallow : This is also a cultivable land which is left uncultivated for more than a year but less than five years. If the land is left uncultivated for more than five years, it would be categorised as culturable wasteland.

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(iii) Barren and Wastelands : The land which may be classified as a wasteland such as barren hilly terrains, desert lands, ravines, etc. normally cannot be brought under cultivation with the available technology.

2

Match List – I with List – II and select the correct answer using the code given below the Lists :

	List – I (Railway Zone) सूची - I (रेलवे क्षेत्र)		List – II (Headquarters) सूची - II (मुख्यालय)
A	East Central/पूर्व मध्य	1	Gorakhpur/गोरखपुर
B	North Eastern/उत्तर पूर्वी	2	Jaipur/जयपुर
C	Northeast Frontier/पूर्वोत्तर सीमांत	3	Hajipur/हाजीपुर
D	North Western/उत्तर पश्चिमी	4	Maligaon/मालीगांव

Codes	A	B	C	D
a)	3	4	1	2
b)	3	1	4	2
c)	2	1	4	3
d)	2	4	1	3



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TRANSPORT AND COMMUNICATION

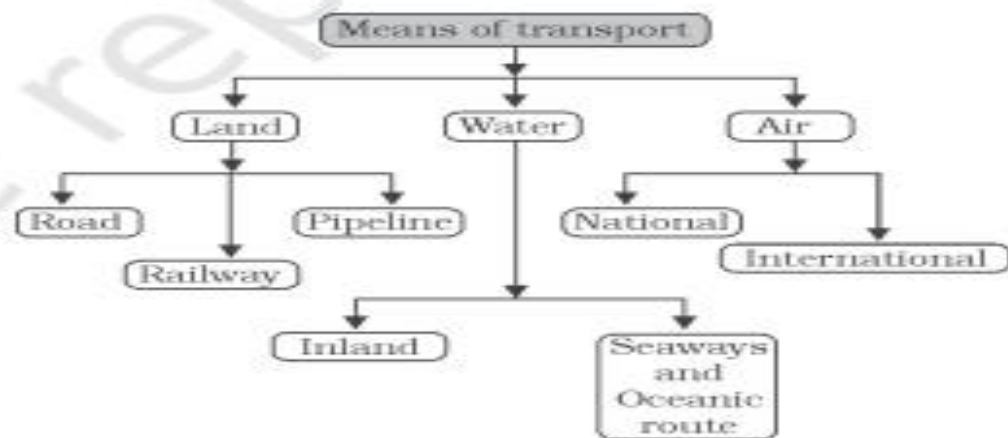


We use many items in our daily life. From toothpaste to our bed tea, milk, clothes, soaps, food items, etc., are required every day. All these can be purchased from the market. Have you ever thought as to how these items are brought from the site of production? All the production is meant for consumption. From the fields and factory, the produce is brought to the place from where consumers purchase it. It is the transportation of these items from the site of their production to the market which make them available to the consumer.

We not only use material things, like fruits, vegetables, books, clothes, etc., but also use ideas, views and messages in our daily life. Do you know we exchange our views, ideas and messages from one place to another or one individual to another while communicating with the help of various means?

The use of transport and communication depends upon our need to move things from place of their availability to the place of their use. Human beings use various methods to move goods, commodities, ideas from one place to another.

The following diagram shows the major means of transportation.



**Table 10.2 : Indian Railways:
Railway Zones and Headquarters**

Railway Zone	Headquarters
Central	Mumbai CST
Eastern	Kolkata
East Central	Hajipur
East Coast	Bhubaneswar
Northern	New Delhi
North Central	Allahabad
North Eastern	Gorakhpur
North East Frontier	Maligaon (Guwahati)
North Western	Jaipur
Southern	Chennai
South Central	Secunderabad
South Eastern	Kolkata
South East Central	Bilaspur
South Western	Hubli
Western	Mumbai (Church Gate)
West Central	Jabalpur

3

Which of the following statements is/are correct ?
निम्नलिखित में से कौन सा/से कथन सही है/हैं?

1. India has one of the longest navigable inland water network in the world./भारत में दुनिया का सबसे लंबा नौगम्य अंतर्देशीय जल नेटवर्क है।
2. Inland waterways presently help in transporting about 25% of total cargo movement./अंतर्देशीय जलमार्ग वर्तमान में कुल माल ढुलाई के लगभग 25% परिवहन में मदद करते हैं
3. About 111 inland waterways have been declared as National Waterways under the National Waterways Act, 2016./राष्ट्रीय जलमार्ग अधिनियम, 2016 के तहत लगभग 111 अंतर्देशीय जलमार्गों को राष्ट्रीय जलमार्ग घोषित किया गया है

Select the correct answer using the code given below/नीचे दिए गए कूट का प्रयोग कर सही उत्तर चुनिए

- a) 1,2 and 3/1,2 और 3 b) 1 and 3/1 और 3
c) 3 only/केवल 3 d) 1 and 3 only/केवल 1 और 3

Water Transport

Waterways is an important mode of transport for both passenger and cargo traffic in India. It is the cheapest means of transport and is most suitable for carrying heavy and bulky material. It is a fuel-efficient and eco-friendly mode of transport. The water transport is of two types— (a) inland waterways, and (b) oceanic waterways.

parts of their courses. India has 14,500 km of navigable waterways, contributing about 1% to the country's transportation. It comprises rivers, canals, backwaters, creeks, etc. At present, 5,685 km of major rivers are navigable by mechanised flat bottom vessels.

For the development, maintenance and regulation of national waterways in the country, the Inland Waterways Authority was set up in 1986. The following waterways have been declared as the National Waterways by the Government (Table 10.3).

Ministry of Ports, Shipping and Waterways

Development of National Waterways

Posted On: 21 DEC 2017 4:52PM by PIB Delhi

Under the National Waterways Act, 2016, a total of 111 waterways have been declared as National Waterways (NWs). Out of these 111 NWs, NWs-1, 2 and 3 are operational and cargo and passenger vessels are moving on them, while for NW-4, the development works under Phase-I from Muktyala to Vijaywada started in 2017. Further, for development of NW-5, preparation of DPR including Front End Engineering Design (FEED) for the construction of weirs/ barrages with navigational locks and check dams between Pankapal and Paradip/ Dhamra (Phase-I) has been sanctioned.

The Jal Marg Vikas Project (JMVP) has been commissioned with technical and financial assistance of the World Bank for the capacity augmentation of NW-1 (Ganga) from Haldia to Varanasi (1380 km). The JMVP aims at developing the fairway to enable safe navigation of 1,500-2,000 ton vessels. The project would be completed by 2022-23 at an estimated cost of Rs.5,369 crore.

3

Which one of the following 'discontinuities' separates the Earth's crust from the mantle ?

- a) Gutenberg
- b) Mohorovicic
- c) Conrad
- d) Repetti

निम्नलिखित में से कौन-सा 'असंबद्धता' पृथ्वी की पपड़ी को मॅटल से अलग करती है?

- a) गुटेनबर्ग
- b) मोहरोविकिक
- c) कॉनरोड
- d) रेपेटी

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What will happen if you are flying east across the International Date Line ?

- a) You will lose 12 hours
- b) You will gain 12 hours
- c) You will gain 24 hours
- d) You will lose 24 Hours

यदि आप अंतर्राष्ट्रीय तिथि रेखा के पार पूर्व की ओर उड़ रहे हैं तो क्या होगा?

- a) आप 12 घंटे खो देंगे
- b) आपको 12 घंटे मिलेंगे
- c) आपको 24 घंटे का लाभ मिलेगा
- d) आप 24 घंटे खो देंगे

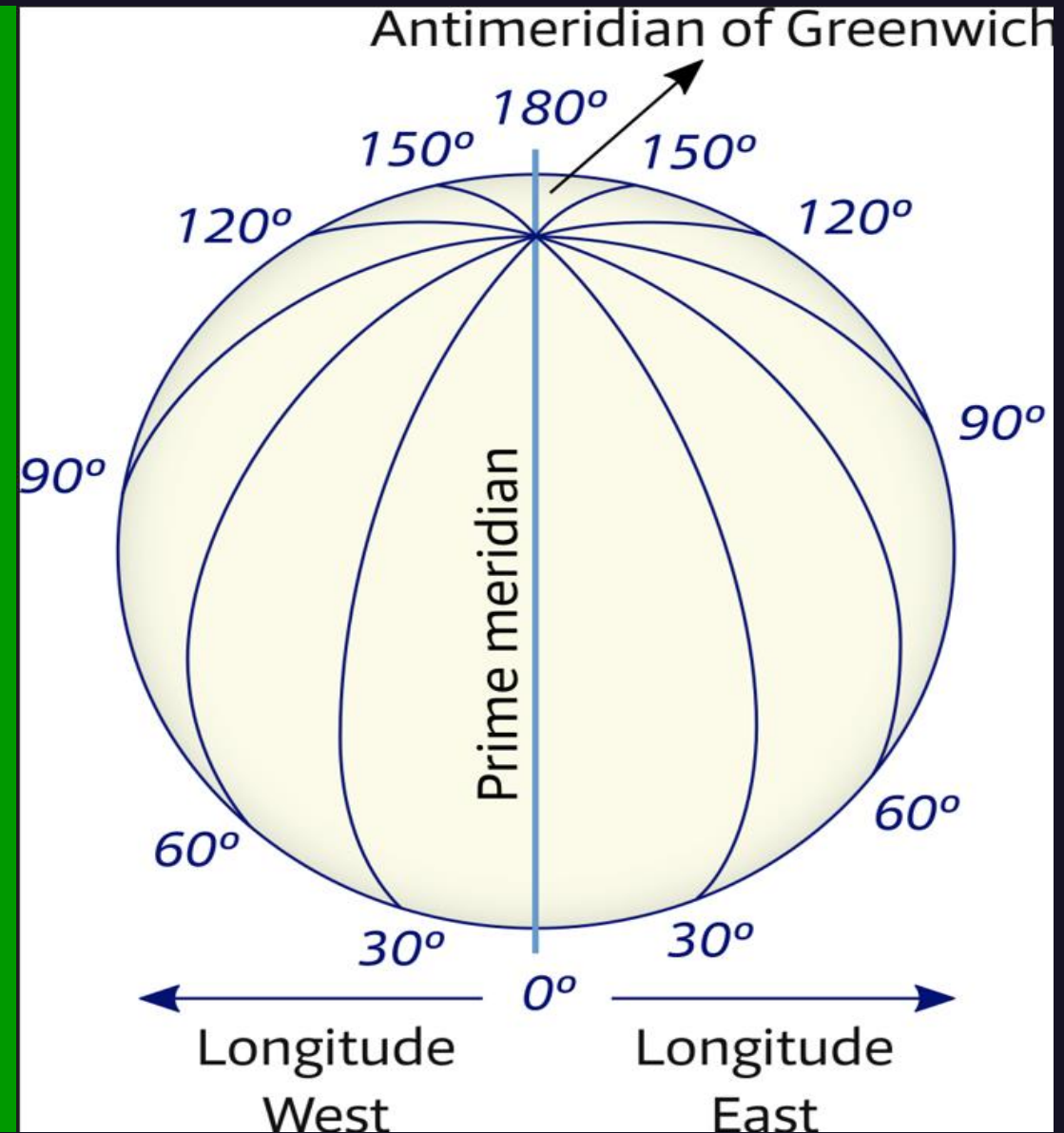
Relationship between Longitude & Time

Longitude is based on Earth's rate of rotation (rate is speed).

Time zones are based on longitude.

Use the rate of change equation (page 1 ESRT's) to determine Earth's rate of rotation:

Earth rotates once every 24 hours.
In that time it completes one full rotation which is equal to 360 degrees.



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Eastern Hemisphere

Western Hemisphere

Loss of a day

Gain of a day

5

Which of the following statements is/are correct ?

निम्नलिखित में से कौन सा/से कथन सही है/हैं?

1. The Earth's crust is brittle in nature/पृथ्वी की पपड़ी प्रकृति में भंगुर है
2. The mean thickness of the oceanic crust is 15 Km, whereas that of the continental crust is around 30 Km/महासागरीय क्रस्ट की औसत मोटाई 15 किमी है, जबकि महाद्वीपीय क्रस्ट की मोटाई लगभग 30 किमी है

Select the correct answer using the code given below/नीचे दिए गए कूट का प्रयोग कर सही उत्तर चुनिए

- a) 1 only/केवल 1
- b) 2 only/केवल 2
- c) Both 1 and 2/दोनों 1 और 2
- d) Neither 1 nor 2/न तो 1 और न ही 2

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